ABSTRACT OF THE DISCLOSURE

Disclosed herein is a metal sheet with anticorrosive coating which exhibits outstanding corrosion resistance, pitting corrosion resistance, and red rust resistance. It has the anticorrosive coating on at least one side thereof. The anticorrosive coating is formed from an anticorrosive paint which contains a metallic zinc powder and at least one kind of metal salt rust inhibitor. The metal salt is a salt of a metal which is more base than zinc. The metal sheet may be a steel sheet. The metal salt rust inhibitor may be a phosphate or a phosphomolybdate.